ATT to COR-0516

13 July 1999

SOCRABLE FOR THE BROWN

SERVICE: The Meeting of July 9 at 200 in Los Angeles

Attendence: DP - ADPA LOCALID: end at least 5 others.

In addition there were some 10 to 15 unidentified individuals. I was told that the attendance was only partly cleared for COROMA.

- 1. The purpose of the meeting was to consider and, if possible, to reaffirm in the light of SEL's investigation the decisions reached at the earlier progress review meeting to conduct Flight VI on a "medium risk" basis using RJ-1 fuel and with some weight reduction in the system.
- 2. Lockheed, through indicated a 90% plus confidence factor (seide from reliability) for Flight VI assuming:
 - s. Altitude 120 miles
 - b. Eccentricity of .05
 - c. Use of AJ-1 fuel (equivalent weight reduction) 60 lbs.
 - d. 170° eximath " " 20 lbs.
 - e. Assistions in weight (see attachment) 63 lbs.
 - TOTAL 143 lbs.
- 3. STL, in commuting on the Lockbeed recommunications, indicated that the last flight ren 200 ft per second less velocity then the Lockbeed figure but agreed that the difficulties in interpreting the scanty track data could account for the difference in the two figures.
- 4. STE had not had the opportunity to consult with Lockheed prior to the meeting and had therefore nearmed the previous eccentricity of

ULUNET

NRO review(s) completed.

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assumptions otherwise (RJ-1 fuel, 170° asimuth, 63 lbs. weight reduction) and further assuming a 5 day life, STL's confidence factor was less than AOA. Their recommunication was to seek higher altitude from the system, retain the lower eccentricity, and to seek improved performance in both the Thor and the Bell Bustler in certain specified areas.	
testing in the extreme range of mixture ratios to be encountered during the flight.	
6. As the meeting closed there appeared to be agreement between the parties that:	:
a. Lockheed would increase its weight reduction another 14 lbs. This would be derived from eliminating H-2 bottle and certain grid nountings. b. STL would run another set of occupatations on the assumption of a .05 eccentricity and come up with a new estimate of	
probable success.	0.574.4
c. The fuel mixture ratio question raised bywould be investigated.	25X1
d. When the results of 6.b. and 6.c. were known MO, SML and Lookheed would seek agreement prior to the July 14 meeting in Rashington.	
e. On account of the new range safety computations required by the changed asimuth, the next firing date must be put over to July 24th.	
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LOCKHERD PROPOBAL - 90% Probability

	Fuel to be used Injection Velocity Altitude Eccentricity Espty wgt orbit vehicle Weight reduction		8J1 26180 120 .05 1753 62.8	821 26180 120 .05 1692 105.5
	(Trin structure	3.0		
	(Inverter heat sinks	3.0		
	(Slock balls	12.0		
	(Acquisition beacon battery	9.0		
Immediate	(Recovery body			
for mext	(Film 10			
flight	(Ballest 5			
	(Die 2			
	(Coolring 1.2			
	(Terque motar 1.1	19.3		
	(Soler reset of timer	5.0		
	(1800" titamium aphere	7.0		
	(Ground plane	1.0		
	Turbine exhaust best shield	1.5		
	(M. expension chamber	0.5		
	(Séparation momitor	1.5	62.8	62.8
•	(85/C Bevisions			10.0
	(Paint			2.0
Up to 2	(Bydraulic mounting plate			2.0
months	Anvironmental measurements			3.0
	(Longitudinal acceleration pres	SULT DOGGETT	ments	1.2
į ·	(Inside vehicle			1.5
	Reduce gauge			15.6
	(Nove destruct system to sew los	pation		8.0
				105.5

Assumption is higher injection velocity rether than higher altitude.